

WHAT IS CLAIMED IS:

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1. A software program stored on a computer media for a handheld computer device which provides a user interface for the computer device comprising:
a display grid having rows and columns of cells;
a number displayed in a plurality of the cells, and
wherein the numbers displayed in the cells are updated under software control and represent a common quantity which changes according to an algorithm set by a user.
 2. The software program of Claim 1, further comprising a cursor operable by the user, which indicates at least one currently selected cell.
 3. The software program of Claim 2, wherein the cursor is a dashed cell outline.
 4. The software program of Claim 1, further comprising an input to allow the user to set at least one cell to a fixed value.
 5. The software program Claim 1, further comprising an input to allow the user to adjust the value of a cursor selected cell up or down while the software is changing the numbers displayed in the cells according to the algorithm preset by the user.
 6. The software program of Claim 1, further comprising:
 - a. an input to allow the user to set at least one cell to a fixed value, and
 - b. a dashed cell outline cursor operable by the user, which indicates at least one currently selected cell.
 7. The software program of Claim 6, further comprising an input to allow the user to adjust the value of a cursor selected cell up or down while the software is changing the numbers displayed in the cells according to the algorithm preset by the user.

8. The software program of Claim 7, wherein the software is programmed to provide a heat transfer lab simulation environment for a handheld device.
9. A handheld computing device comprising:
a display screen;
an input device for operating the computing device and entering user responses;
a processor for executing programming that provides a user interface to the spreadsheet application wherein the user interface further comprises:
a display grid having rows and columns of cells;
a cursor operable by user input through the input device, wherein the cursor indicates at least one currently selected cell; and
a number displayed in a plurality of the cells, and
wherein the numbers displayed in the cells are updated under software control and represent a common quantity which changes according to an algorithm set by a user.
10. The handheld computing device of Claim 9, further comprising a cursor operable by the user, which indicates at least one currently selected cell.
11. The handheld computing device of Claim 10, wherein the cursor is a dashed cell outline.
12. The handheld computing device of Claim 9, further comprising an input to allow the user to set at least one cell to a fixed value.
13. The handheld computing device of Claim 9, further comprising an input to allow the user to adjust the value of a cursor selected cell up or down while the software is changing the numbers displayed in the cells according to the algorithm preset by the user.

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14. The handheld computing device of Claim 9, further comprising:

an input to allow the user to set at least one cell to a fixed value, and
a dashed cell outline cursor operable by the user, which indicates at least one currently selected cell.

15. The handheld computing device of Claim 14, further comprising an input to allow the user to adjust the value of a cursor selected cell up or down while the software is changing the numbers displayed in the cells according to the algorithm preset by the user.

16. A graphing calculator comprising

a screen capable of displaying spreadsheet rows and columns for a spreadsheet application;

an input device for operating the computing device and entering user responses;

a processor for executing programming that provides a user interface to the spreadsheet application wherein the user interface further comprises:

a display grid having rows and columns of cells;

a cursor operable by user input through the input device, wherein the cursor indicates at least one currently selected cell; and

a number displayed in a plurality of the cells, and

wherein the numbers displayed in the cells are updated under software control and represent a common quantity which changes according to an algorithm set by a user.